Amendments to the Specification:

Please replace the title as follows:

POWER SYSTEM ~~AND CAMERA~~ HAVING A BATTERY UNIT THAT CALCULATES CUMULATIVE WORK VOLUME VALUE

Please replace the paragraph beginning on page 15, line 21, with the following rewritten paragraph:

The camera controller 26 at the camera main body 10 and the battery controller 31 at the secondary battery unit 30 engage in data communication over a predetermined cycle, as shown in ~~FIG. 2.~~FIGS. 2A and 2B. The use status of the camera main body 10 explained earlier is transmitted from the camera main body 10 to the secondary battery unit 30 over a specific cycle, as shown in ~~FIG. 2(a).~~FIG. 2A. The use status transmitted from the camera main body 10 to the secondary battery unit 30 over the specific cycle through the data communication is a value corresponding to the time between the preceding use status transmission and the present use status transmission. For instance, if the number of shutter releases is transmitted as the use status, the use status indicates the number of shutter releases having been performed between the preceding transmission and the present transmission.

Please replace the paragraph beginning on page 17, line 15, with the following rewritten paragraph:

For instance, if a value "2" indicating the number of shutter releases is transmitted from the camera main body 10 to the secondary battery unit 30 during a communication 1, a value "3" is transmitted during a communication 2, a value "0" is transmitted during a communication 3 and a value "2" is transmitted during communication 4 in ~~FIG. 2,~~FIGS. 2A

and 2B a shutter release cumulative value of 2 is transmitted from the secondary battery unit 30 to the camera main body 10 during a communication 1', a shutter release cumulated value of 5 is transmitted during a communication 2', a shutter release cumulative value 5 is transmitted during a communication 3' and a shutter release cumulative value of 7 is transmitted during a communication 4'.

Please replace the paragraph beginning on page 20, line 4, with the following rewritten paragraph:

~~FIG. 4~~FIGS. 4A and 4B presents flowcharts of the processing executed at the camera main body 10 and the secondary battery unit 30 over the predetermined cycle. In reference to these flowcharts, the operations executed at the camera main body 10 and the secondary battery unit 30 in the embodiment are explained.

Please replace the paragraph beginning on page 20, line 10, with the following rewritten paragraph:

The camera controller 26 at the camera main body 10 executes the processing in ~~FIG. 4(a)~~FIG. 4A over the predetermined cycle. In step S1, a camera use status corresponding to the time elapsing between the previous communication and the present communication with the secondary battery unit 30, e.g., the number of shutter releases, is transmitted to the secondary battery unit 30.

Please replace the paragraph beginning on page 20, line 17, with the following rewritten paragraph:

The battery controller 31 at the secondary battery unit 30 executes the processing in ~~FIG. 4(b)~~FIG. 4B upon receiving the camera use status from the camera main body 10. After

receiving the camera use status corresponding to the time elapsing between the previous communication and the present communication in step S11, the operation proceeds to step S12 to add the most recently received use status to the use status cumulative value stored into the memory 32 at the time of the previous communication with the camera main body 10 and stores the sum into the memory 32, thereby updating the use status cumulative value.

Please replace the paragraph beginning on page 25, line 2, with the following rewritten paragraph:

FIG. 6 presents flowcharts of the charge operation executed to charge the secondary battery unit. ~~(a)~~The right side of FIG. 6 shows the processing executed at the charge controller 43 of the charger 40, whereas ~~(b)~~the left side of FIG. 6 shows the processing executed at the battery controller 31 of the secondary battery unit 30.

Please replace the paragraph beginning on page 49, line 12, with the following rewritten paragraph:

The operation proceeds to step S205 if the remaining battery power R is equal to or greater than a second predetermined value indicating the battery power needed to photograph an image by engaging the monitor display unit 412, whereas the operation proceeds to step S225 if the remaining battery power R is less than the second predetermined value but it is equal to or greater than a third predetermined value indicating the battery power with which an image can be photographed as long as the monitor display unit 412 is not engaged to turn off the monitor display unit 412 and then a message indicating that the battery no longer has enough power to enable a photographing operation performed by engaging the monitor display unit 412 is brought up at the display panel ~~unit 21~~unit 421 in step S226 before the operation proceeds to step S207. It is to be noted that the second predetermined value is

larger than the first predetermined value mentioned earlier. If the remaining battery power R is determined to be less than the third predetermined value, the operation proceeds to step S215 to turn off the monitor display unit 412 and then, in step S216, an error message is displayed to indicate that a photographing operation is disabled due to insufficient battery power is displayed at the display ~~panel 21~~panel unit 421 before the processing ends.

Please replace the paragraph beginning on page 51, line 7, with the following rewritten paragraph:

In step S207, the remaining battery power R is displayed at the display panel ~~unit 21.~~unit 421.

Please replace the paragraph beginning on page 53, line 24, with the following rewritten paragraph:

In step S302, the DSC 100 is started up in conformance to the reproduction function conditions selected as the initial settings as explained above. At this time, the monitor display unit 412 is set in an ON state or an OFF state depending upon the remaining battery power R. Namely, in step S303, a decision is made as to whether or not the remaining battery power R read in step S101 in FIG. 10 or in step S111 or step S121 in FIG. 11 is equal to or greater than a fourth predetermined value indicating the battery power that enables the execution of the operation in the reproduction mode. The remaining battery power R read in step S111 or S121 in FIG. 11 is lower than the remaining battery power R read in step S101 in FIG. 10, since the battery power is further consumed in the DSC 100 between step S101 and step S111 or between step S101 step S121. The operation proceeds to step S304 if the remaining battery power is determined to be equal to or greater than the fourth predetermined

value, whereas the operation proceeds to ~~step S3014~~ step S314 if it is judged to be less than the fourth predetermined value.

Please replace the paragraph beginning on page 55, line 9, with the following rewritten paragraph:

In step S306, the remaining battery power R is displayed at the display panel ~~unit 21~~ unit 421.

Please replace the paragraph beginning on page 55, line 17, with the following rewritten paragraph:

The monitor display unit 412 is turned off in step S314, and the remaining battery power R is displayed at the display panel ~~unit 21~~unit 421 in step S315. In step S316, an error message indicating that the remaining battery power is insufficient is displayed before the processing ends.

Please replace the paragraph beginning on page 58, line 3, with the following rewritten paragraph:

In addition, the number of times the shutter button has been pressed all the way down, i.e., the number of photographs taken, is counted and the count value is stored into the miscellaneous information storage unit 172 as most recent information. The number of times at which light has been emitted at the light emitting illumination unit 416 is also counted and the count value is stored into the miscellaneous information storage unit 172 as most recent information. The time count unit 420 measures the length of time over which the zoom control unit ~~for 13~~413 has been engaged in operation (zoom operation time) and the value indicating the accumulated length of time over which the zoom control ~~unit~~ unit 413 has been

engaged in operation is stored into the miscellaneous information storage unit 172 as most recent information.

Please replace the paragraph beginning on page 62, line 18, with the following rewritten paragraph:

The CPU 430 reads and checks the remaining battery power R when the power to the DSC 100 is turned on. The CPU 430 calculates the estimated value at this point, too, if the remaining battery power R is less than a predetermined value and displays the estimated value at the monitor display unit 412 and the display panel ~~unit 21~~unit 421 to warn the user that the battery power R is running low. It will be particularly effective to warn the user by superimposing the estimated value over a photographic image displayed at the monitor display unit 412. If the remaining battery power is equal to or greater than the predetermined value, the processing ends without estimating the number of images that can be photographed, since a sufficient level of battery power is still available and the user can take photographs without worrying about the battery power running low.